

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE: SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION IN DIGITAL
RADIOGRAPHY DETECTOR**

- ☒ the specification of which is attached hereto OR
☐ was filed on [date] as Application Serial No. [Serial No.] or PCT International
Application Number [Int'l. App. No.] and was amended on [date] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	NOT CERTIFIED ATTACHED	COPY
	N/A			<input type="checkbox"/> Yes <input type="checkbox"/> No	
				<input type="checkbox"/> Yes <input type="checkbox"/> No	
				<input type="checkbox"/> Yes <input type="checkbox"/> No	

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)
N/A		

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)
N/A	

As a named inventor, I hereby appoint Michael G. Smith (Reg. No. 45,368), Ellis B. Ramirez (Reg. No. 45,326); Henry J. Policinski, (Reg. No. 26, 621), Scott R. Hayden, (Reg. No. 41,821), and Michael M. Gnibus (Reg. No. 38,162) jointly, and each of them severally, as attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Ellis B. Ramirez, (202) 595-1444, 1090 Vermont Ave. N.W., Suite 800, Washington, DC., 20005

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: Habib Yafi

Inventor's signature: Habib Yafi Date: 3, 10, 2004

Residence: 19260 Baythorn Way; Brookfield, WI 53045

Citizenship: USA

Post Office Address: 19260 Baythorn Way; Brookfield, WI 53045

ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which I acknowledge receipt, I, Habib Vafi of 19260 Baythorn Way; Brookfield, WI 53045, hereby sell and assign to General Electric Company, a Delaware Limited Liability Company having a place of business at 3000 North Grandview Boulevard, Waukesha, WI 53188, (hereinafter referred to as "Company"), its successors and assigns my entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me and described in the application for United States Patent currently entitled **SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION IN DIGITAL RADIOGRAPHY DETECTOR**

☒ executed concurrently herewith,

☐ signed as of [date], or

☐ filed on [date] having Serial Number [Serial Number]

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I will communicate to said Company or its representatives or nominees any facts known to me respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Habib Vafi
Habib Vafi

Date: 3, 10, 2004

State of Wisconsin SS:
County of Waukesha

This 10th day of March, 2004, before me personally came the above named

Habib Vafi to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Green Graham
(Notary Public)
Ex 1/15/2006